



JFW
PATENT

Attorney Docket No.: INTEL1250-1 (P13830X)

Applicants: Chan, et al.
Serial No.: 10/672,149
Filed: September 26, 2003
Title: METHODS AND DEVICE FOR DNA SEQUENCING USING SURFACE ENHANCED RAMAN SCATTERING (SERS)

Art Unit: 1632
Examiner Not Yet Assigned

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and a copy of Items E through I are enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

Each item contained herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on January 26, 2005, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Stephanie Sharrett
Stephanie Sharrett

In re Application of:

Chan, et al.

Application No.: 10/672,149

Filed: September 26, 2003

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Attorney Docket No.: INTEL1250-1 (P13830X)

This Information Disclosure Statement is being filed prior to receipt of a First Office Action on the merits. Therefore, no fee is deemed necessary. However, the Commissioner is hereby authorized to charge any amounts required by this filing, or credit any overpayment, to Deposit Account No. 07-1896.

Respectfully submitted,



Date: January 26, 2005

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PATENT
ATTORNEY DOCKET NO. INTEL1250-1(P13830X)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Chan, et al. Art Unit: 1632
Serial No.: 10/672,149 Examiner Not Yet Assigned
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ENHANCED RAMAN SCATTERING (SERS)

Mail Stop Amendment
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P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL SHEET

Sir:

Transmitted herewith for the above-identified application, please find:

- (1) Supplemental Information Disclosure Statement (2 pages);
- (2) PTO-1449 Form (1 page);
- (3) Five (5) References;
- (4) International Search Report (7 pages); and
- (5) Return postcard;

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, January 26, 2005 in an envelope addressed to: Mail Stop
Amendment: Commissioner for Patents, P. O. Box 1450, Alexandria, VA
22313-1450.

Stephanie Sharrett
Name of Person Mailing Paper
Stephanie Sharrett
Signature

January 26, 2005

In the Application of

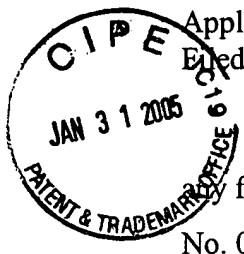
Chan, et al.

Application Serial No.: 10/672,149

Entered: September 26, 2003

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Attorney Docket No.: INTEL1250-1 (P13830X)



No fee is deemed necessary in connection with the filing of these papers. However, if a fee is required, authorization is given to charge the amount of this fee to Deposit Account No. 07-1896. A duplicate copy of this Transmittal Sheet is enclosed.

Respectfully submitted,

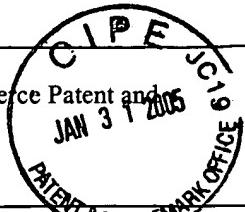
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FORM PTO-1449

U.S. Department of Commerce Patent and
Trademark Office

Docket No.:

INTEL1250-1 (P13830X)

Serial No.:

10/672,149

Applicants: Chan, et al.

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Filing Date:

September 26, 2003

Group Art Unit:

1632

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	A	6,514,767	2/4/03	Michael Natan	436	166	
	B	6,608,716	8/19/03	Safonov, et al.			
	C	2002/058273	5/16/02	Edward Shipwash			
	D	2003/058799	3/27/03	Berlin, et al.			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	E	Doering, et al., "Spectroscopic Tags Using Dye-Embedded Nanoparticles and Surface -Enhanced Raman Scattering", <i>Analytical Chemistry</i> , :5-9
	F	Kneip, et al., "Detection and Identification of a Single DNA Base Molecule Using Surface-Enhanced Raman Scattering (SERS)" <i>Physical Review E. Statistical Physics</i> , 57(6):R6281-R6284, (1998).
	G	Stephan, et al., "Towards a General Procedure for Sequencing Single DNA Molecules", <i>J. of Biotechnology</i> , 86(3):255-267 (2001).
	H	Mulvaney, et al., "Glass-Coated, Analyte-Tagged Nanoparticles: A New Tagging System Based on Detection with Surface-Enhanced Raman Scattering", <i>Am Chem Soc.</i> 19:4784-4790 (2003).
	I	Vo-Dinh, et al., "Surface-Enhanced Raman Spectroscopy Using Metallic Nanostructures," <i>Trac. Trends in Anal. Chem.</i> 17(8-9):557-582 (1998).

EXAMINER

GT/6432089.1
1090132-27

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.